

COVERAGE NAME: TOS

COVERAGE AREA: Districts

COVERAGE DESCRIPTION: TOS is a point layer representing existing and proposed Traffic Operational Systems in California that are located on the California State Highway System. These systems include Detection Stations (not including Census Stations), Changeable Message Sign, Closed Circuit Television, Highway Advisory Radio, and Roadway Weather Information Systems

USER NOTES:

The location of TOS systems in this coverage are based on postmiles from a FileMaker Pro database managed by Traffic Operations, Office of System Management Planning. For more information about this data, contact the Caltrans Traffic Operations GIS Coordinator.

The TOS systems in this coverage were placed with dynamic segmentation and are based on the postmiles in the HQ TMS Inventory Database. These postmiles reflect the general location of each TOS system element in relation to the mainline.

VITAL STATISTICS:

Datum:	NAD 83
Projection:	Albers
Units:	Meters
1st Std. Parallel:	34 degrees N
2nd Std. Parallel:	40.5 degrees N
Longitude of Origin:	-120 degrees W
Latitude of Origin:	0 degrees N
False Easting:	0
False Northing:	-4,000,000
Source:	Caltrans HQ Traffic Operations
Source Media:	
Source Projection:	
Source Units:	
Source Scale:	
Capture Method:	Generated from Caltrans county, route, prefix, postmiles and route alignment.
Conversion Software:	
Data Structure:	Vector
ARC/INFO Coverage Type:	Point
ARC/INFO Precision:	
ARC/INFO Tolerances:	
Frequency of Updates:	Yearly
Data Updated:	May 2004
Update Media:	
Update Method:	
Update Software:	Arcview 3.2

## DATA DICTIONARY:

File name: TOS

Record length: 114

NOTE: Items common to all point coverages: AREA, PERIMETER, <coverage>#, and <coverage>-ID are not described here.

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC
17	TOS_CODE	10	10	C	-
27	DIST	2	2	I	-
29	CO	3	3	C	-
32	RTE	3	3	I	-
35	PM	9	9	C	-
44	POSTMILE	7	7	N	3
51	DIR	2	2	C	-
53	LOC	40	40	C	-
93	EXIST	1	1	I	-
94	TOS_DESC	5	5	C	-
99	INSTALLED	8	8	D	-
107	NON-OPS	8	8	C	-
113	EA	6	6	C	-
114	FUNDED	1	1	I	-

## ITEM DESCRIPTIONS:

TOS\_CODE District identifier

DIST: District

CO: County abbreviation

RTE: Legislative route number (TASAS postmile route number)

PM: Postmile with prefix and suffix

POSTMILE: Postmile with 3 decimal places (sortable)

DIR Direction

LOC: Location Description

EXIST: 0 = No (proposed)  
1 = Yes (equipment installed)

TOS\_DESC    Abbreviation descriptions  
              METER= Mainline Detection Station associated with a ramp meter  
              TMS= Mainline Detection Station (TMS - does not include census stations)  
              CMS= Changeable Message Sign  
              EMS= Extinguishable Message Sign  
              CCTV= Closed Circuit Television  
              HAR= Highway Advisory Radio  
              RWIS= Roadway Weather Information Systems  
              VS= Visibility Sensor (only District 3)

INSTALLED: Date of turn on or installation (if available)

NON-OPS     Element is not operational as of this date

EA            Expenditure Authorization

FUNDED      Programmed Project (in CTC approved funding document,  
              such as SHOPP or STIP)  
              0 = No  
              1 = Yes

#### RELATIONAL DATA DESCRIPTION:

Currently there are no data relationships established.

#### DATABASE RELATION:

Currently there are no database relationships established.

#### DATA QUALITY ASSESSMENT:

May 26,2004